



OFFICE OF THE UNDER SECRETARY OF DEFENSE,
RESEARCH, TECHNOLOGY AND LABORATORIES
RESEARCH AND ENGINEERING DIRECTORATE



Dr. Richard W. Linderman

**Director, Command, Control, Communications,
Computers, Cyber, Intelligence, Surveillance,
Reconnaissance and Electronic Warfare**

Dr. Richard Linderman is the Director for Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, Reconnaissance and Electronic Warfare in the Office of the Under Secretary of Defense, Research, Technology and Laboratories. In this position he provides the senior leadership and oversight of all Department of Defense Science and Technology programs in the areas of information technology; cyber security; autonomy; high performance computing and advanced computing; software and embedded systems; networks and communications; large data and data-enabled decision making tools; position, navigation and timing; and electronic warfare. He also has cognizance over the complete spectrum of efforts in computers and software technology, communications, information assurance, and information management and distribution.

Previously, Dr. Richard W. Linderman was a member of the scientific and professional cadre of senior executives, as the Chief Scientist, Information Directorate, Air Force Research Laboratory, Rome, N.Y. Dr. Linderman was responsible with leading the discovery, development and integration of affordable warfighting information technologies for air, space and cyberspace forces. It consisted of more than 800 military and civilian scientists, engineers, and administrative and support personnel pursuing a wide variety of research and development projects with an annual budget of more than \$1 billion. Dr. Linderman also served as the directorate's principal scientific and technical adviser and primary authority for the technical content of the science and technology portfolio. He provided principal technical oversight of a broad spectrum of information technologies including Autonomy, Command & Control and Decision Support, Processing & Exploitation, Cyber Science & Technology, Connectivity & Dissemination.

Dr. Linderman was commissioned as a second lieutenant in May 1980. Upon completing four years of graduate studies, he entered active-duty, teaching computer architecture courses and leading related research at the Air Force Institute of Technology. He was assigned to Rome Air Development Center in 1988, where he led surveillance signal processing architecture activities. In 1991, he transitioned from active-duty to civil service as a senior electronics engineer at Rome Laboratory, becoming a principal engineer in 1997. During these years, he pioneered three dimensional packaging of embedded architectures and led the Department of Defense community exploring signal and image processing applications of high performance computers. He conceived and demonstrated the use of PS3 gaming consoles to architect supercomputers with outstanding affordability and power efficiency. Dr. Linderman holds twelve U.S. patents and has published more than 90 journal, conference and technical papers.